

Coastal Land Acquisition in New Jersey



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Protection



Funding Sources

\$ State appropriations: Green Acres Program

\$ Coastal and Estuarine Land Conservation Program

\$ Local funds



Green Acres Program

- State land acquisition program housed in NJDEP
- \$1.4 billion in funding through bond acts from 1961 to 1995



Garden State Preservation Trust Act

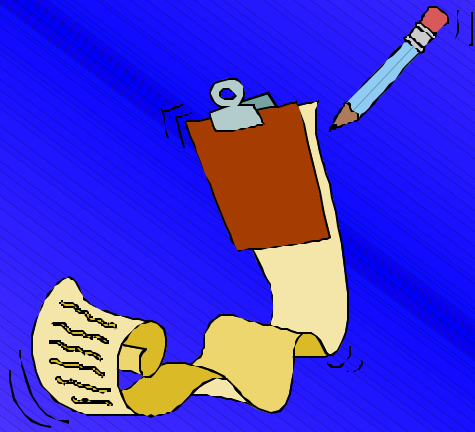
- Goal: preserve 1 million acres by 2009
- Establishes stable source of funding for land acquisition
- Dedicates \$98 million annually
- Establishes Garden State Preservation Trust Board

2002 Green Acres Amendments

- Establish open space acquisition priority system with ranking and evaluation criteria
- Give greater weight to water resource lands and flood prone areas
- Develop regulations for activities on acquired lands to prevent the diminishment of water quality
- Develop open space plan

Open Space Plan Components

- Ranking system
- Identify areas where acquisition and development of lands for recreation and conservation purposes is most likely
- Identify areas with a need to protect water resources
- Provide a schedule and expenditure plan for acquisitions and developments



Ranking System for State Acquisitions

- 11 factors, each with sub-factors
- Points assigned to each factor
- Total score used to compare potential state open space acquisitions

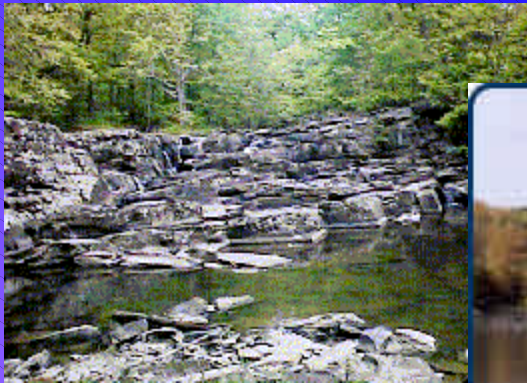
Water Resources

Groundwater Protection

- Wellhead Protection for Community Water Supply: 2 points
- Groundwater Recharge Area Ranking by Watershed Management Area: 5 points
- Aquifer Productivity Statewide: 3 points

Water Resources (cont.)

- Surface Water Protection
- Flood Prone Areas



Natural Resources

- **Communities**
- **Fauna**
- **Flora**



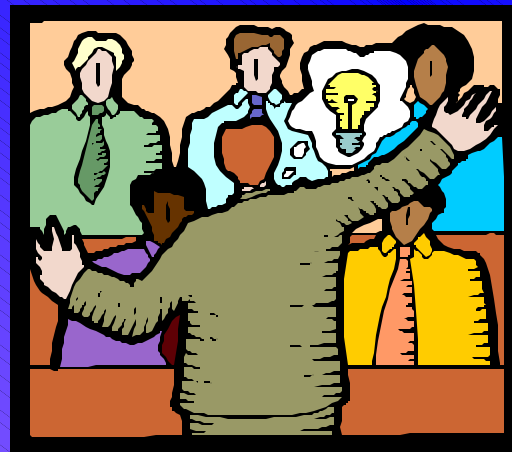
Cultural

- Historic Resources
- Greenways, Trails and Preserved Open Space
- Recreational Opportunities



Socio-Economic

- Development threat, property size, and acquisition cost
- Planning and Public Support



GIS Maps Developed

- Water Resources
- Priority System Factors
- Priority System Factors and Natural Resource Agency Priorities
- Natural Resource Agency Priorities and Water Resource Data
- Open Space & Preserved Open Space

Water Resources

Map 1

Water Resource Data

- Moderate Quality
- High Quality

Flood Prone

- Moderate Threat
- High Threat

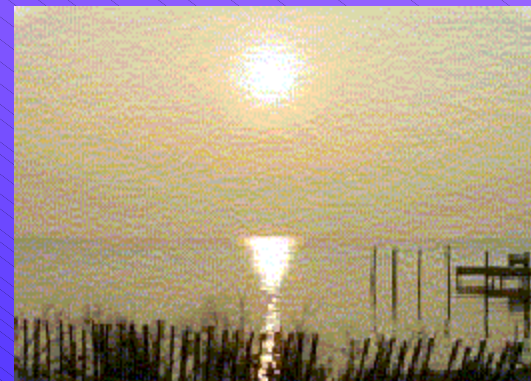
- Water Bodies



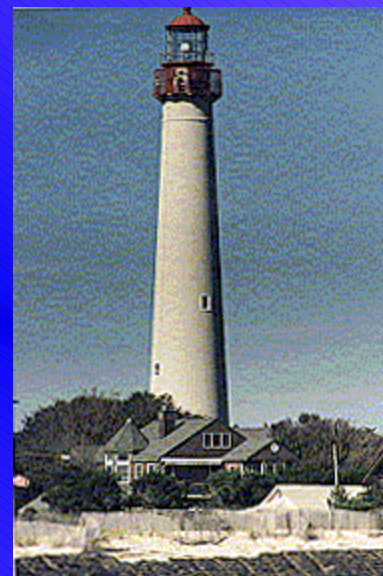
This map identifies areas throughout the State of moderate and high value in the protection of the quality and quantity of the State's water supply and flood protection. Various data sets identifying the State's important surface water, groundwater and FEMA resources were used to compile this map.



Project Areas Identified



- Barnegat Bay
- Cape May Peninsula
- Harbor Estuary
- Delaware Bay
- Delaware River Greenway



Coastal & Estuarine Land Conservation Program

- \$9.2 million to NJ from 2002 through 2005
- Developing plan with Green Acres and three National Estuary Programs



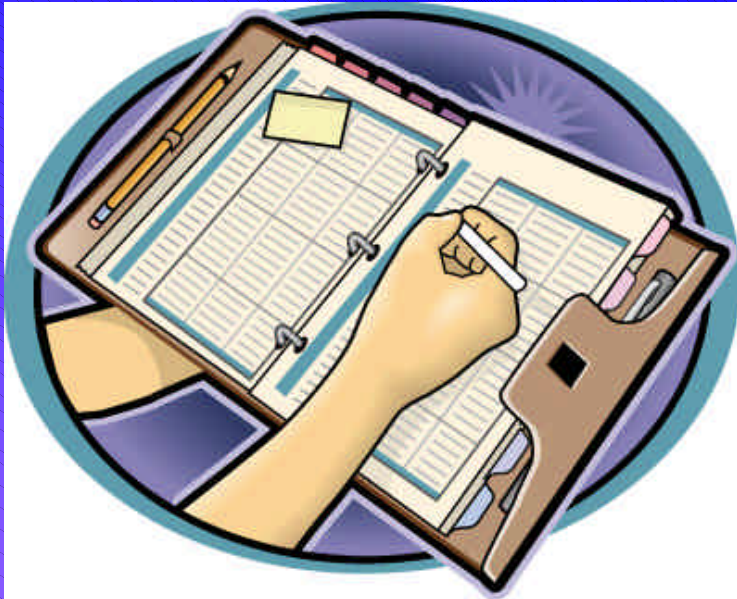
New York – New Jersey
Harbor Estuary Program

New Jersey CELCP

- Green Acres provides match and covers administrative costs



Criteria



☞ Program Consistency

☞ Adjacency to tidal water or wetlands

☞ Contain special coastal resources

Project Area Identification

- Geographical location
- Resource present



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